APPLIED MATHEMATICS AND COMPUTATION

VOLUME 73

RYSZARD KOZERA
On Complete Integrals and Uniqueness in Shape from Shading 1

G. S LADDE AND S. SATHANANTHAN
Stability Analysis of Hereditary Iterative Processes 39

J. WU AND X. ZOU
Patterns of Sustained Oscillations in Neural Networks with Delayed Interactions 55

XINZHI LIU
Impulsive Control and Optimization 77

H. DANG-VU AND C. DELCARTE
Hopf Bifurcation and Strange Attractors in Chebyshev Spectral Solutions of the Burgers Equation 99

XIAO-QING JIN
A Fast Algorithm for Block Toeplitz Systems with Tensor Structure ... 115

T. SASAGAWA
Constructions of C^∞-Class Functions Having Specified Asymptotic Properties 125

KRZYSZTOF KOŁOWROCKI
Asymptotic Reliability Functions of Some Nonhomogeneous Series-Parallel and Parallel-Series Systems 133

TOKUFUMI YAMAMOTO
Critical State between Local and Global Interaction 153

HENRYK GZYL
Maxentropic Reconstruction of Fourier and Laplace Transforms 181

R. PAVANI
A Numerical Approximation of the Rotation Number 191

(Continued)

FERENC SZIDAROVSZKY AND OLGIERD PALUSINSKI
An Inverse Method to Determine Parasitics of Power Interconnections in High Speed Electronics 203

M. MORHÁČ
An Algorithm to Solve Hilbert Systems of Linear Equations Precisely 209

ZHIZHANG SHEN AND CHRISTIAN M. MARSTON
A Study of a Dice Problem 231

FERENC SZIDAROVSZKY, SÁNDOR MOLNÁR, AND JEROME YEN
On the Price Trajectory Control of a Discrete Dynamic Producer-Consumer Market 249

WANG PEIGUANG
Iterative Methods for the Boundary Value Problem of a Fourth-Order Differential-Difference Equation 257

T. SASAGAWA
An Infinite Product Arising from an Elementary Geometric Problem and the Estimate of Its Value 271

M. NACEUR AZAIEZ AND VICKI M. BIER
Perfect Aggregation for a Class of General Reliability Models with Bayesian Updating 281

1995 SUBJECT INDEX 303

VOLUME CONTENTS